

LAHOCINSKI, Zygmunt

H-23

POLAND/Chemical Technology - Chemical Products and Their
Application - Refining of Natural Gases and
Petroleum. Motor and Rocket Fuel. Lubricants.

Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 58688

Author : Lahocinski Zygmunt

Inst :
Title : New Technological Processes of Refining Petroleums.

Orig Pub : Wiadom. naft., 1957, 3, No 11, 11-12

Abstract : This reports briefly on a new modification of the Varga
method for refining heavy petroleums or tars in motor
fuels (hydrogenation under high pressures). For decre-
asing the pressure during hydrogenation, and increasing
the efficiency of the process, it is proposed to first
mix such heavy products with lighter petroleum fractions,
which permit the process to be carried out at 20-80 at.
A test of the method, conducted in Hungary, indicated
that from petroleum of specific gravity 0.945,

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~~SECRET~~ LABCINSKI, Z
POLAND/Chemical Technology - Chemical Products and Their
Application, Part 3. - Treatment of Natural Gases
and Mineral Oil, Motor and Rocket Fuel, Lubricants.

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Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 22702

Author : Zygmunt Labcinski

Inst : -

Title : Reforming as Process of Raising Octane Number of Motor
Gasoline.

Orig Pub : Nafta (Polska), 1957, 13, No 7-8, 191-197

Abstract : Brief information concerning the actual processes of ca-
talytic and non-catalytic gasoline reforming is presen-
ted.

Card 1/1

LAHOCHINSKI, Z.

The problem of acidified tar in oil refineries. p. 86.

WIADOMOSCI NAFTOWE. (Stowarzyszenie Naukowo-Techniczne Inzynierow i Technikow
Przemyslu Naftowego i Zwiazku Zawodowego Gornikow Naftowcow)
Krosno, Poland
Vol. 5, no. 4, Apr. 1959.

Monthly list of East European Accessions (FEAI) LC, Vol. 8, no. 2, July 1959.

Uncl.

LAHOCINSKI, Zygmunt

The problem of waste sulfuric acid in English refineries. Wiad naft
7 no.7/8:161-166 J1-Ag '61.

(Sulfuric acid) (Great Britain—Factory and trade waste)

LAHOCINSKI, Zygmunt

Achievements in America's petroleum refining industry. Wiad
nist 7 no.10:239 '61.

LAHOCINSKI, Zygmunt

The fuel link. Wiad naft 8 no.1:18-21 '62.

LAHOCINSKI, Zygmunt

Extension of the petroleum refinery plants in Czechowice.
Wiad naft 8 no.7:157-160 J1 '62.

LAHOCINSKI, Zygmunt

Elimination of metallic impurities from cracking catalyzers by the Met. -X method. Wiad. naft. 8 no.3:56-57 Mr '62.

1. Redaktor Działowy miesięcznika "Wiadomości Naftowe".

LAHOCINSKI, Zygmunt

Practical remarks on H. Piotrowicz's article on chemical
installation cleaning in refineries and petrochemical plants.
Wiad naft 9 no.7/8:173-176 21-Ag '63.

LAHOGLNSKI, Zygmunt

Hydrogen treatment in the refining industry. Wlad naf* 10 no.9:
207-211 S*64

LAHOCINSKI, Zygmunt

Anticorrosive coatings. Wlad naft 10 no.10:234-236 0 '64.

LAHOCINSKI, Zygmunt

Anticorrosive coatings. Wiad nauk 10 no.12:273-276 D '64.

LAHODA, Jan, inz.

~~Grinding machine for thick-walled glass products. Sklar a~~
keramik 13 no.5:130-132 My '63.

1. Technicke sklo, n.p., Sazava.

LAHODA, F., inz.

Hydraulic work on the Hornad River near Ruzin. Vodni hosp 15
no.3:125-129 '65.

1. Technical Control Agency, Ruzin.

LAHODNY, A.

Yugoslavia (430)

Technology

The development of metallurgy and the
technology of magnesium and its alloys.
p. 1, Metalurgija, Vol. 2, no. 1, 1951.

East European Accessions List, Library of Congress,
Vol. 2, no. 4, April 1953, UNCLASSIFIED

LAHODNY, ANTE

The manufacture of aluminum alloys. Ant. Lahodny.
(Inst. Lake Metals, Zagreb, Yugoslavia). 1961. 11 p.
(Zagreb) 3, 10-14 (1961). After a classification of Al alloys
and raw materials for their manuf., the various methods of
producing Al alloys are described. 17 references. N. P.

LAHODNY, A.

Yugoslavia (430)

Technology-Periodicals

The production of alumina by modern methods
in the alumina and aluminum factory at Strnisce,
Slovenia. p. 261. TEHNICKI PREGLED. (Croatia.
Uprava za unapredenje proizvodnje pri privednom
savjetu) Zagreb. (Bimonthly technical journal
issued by the Production Improvement Administration
of the Economic Council) No. 5, 1951.

East European Accessions List, Library of Congress,
Vol. 2, No. 6, June 1953. Unclassified.

RUO .

Investigation of the distribution of some important impurities in technical aluminum. A. Lashodny, P. Novyellor, and T. Bril (Inst. Light Metals, Zagreb, Yugoslavia). *Tehniki pregled* (Zagreb); *Posebna Inst. lake metals* (Special issue Inst. Light Metals) Oct. 1952, 24-32.—The detection of local clumps of metallic and nonmetallic impurities and gases in Al castings and strips by macrographic, radiographic, and semimicrographic methods is described and numerous illustrations are presented. N. P.

LAHODNY, A.

Some applications of the semimicroradiography in investigating casted aluminum alloy. A. Lahodny and F. Non-
veller. *Technika Pregled (Zagreb)* 4:88-91 (1969). The use
of the method in investigating the structure of casted Al
alloys is illustrated and numerous semimicroradiograms are
presented. Emphasis is laid on the detection of voids and
cracks as well as of clusters of individual constituents of the
alloy.

N. Flavit

ALANODNY, A

Gas in Aluminum Alloys. F. Notveller, A. L. Hodny, and
 G. L. K. (12th ed. printed (Zagreb), 1953, 8, 44-45, 46-47, 48-49, 50-51, 52-53, 54-55, 56-57, 58-59, 60-61, 62-63, 64-65, 66-67, 68-69, 70-71, 72-73, 74-75, 76-77, 78-79, 80-81, 82-83, 84-85, 86-87, 88-89, 90-91, 92-93, 94-95, 96-97, 98-99, 100-101, 102-103, 104-105, 106-107, 108-109, 110-111, 112-113, 114-115, 116-117, 118-119, 120-121, 122-123, 124-125, 126-127, 128-129, 130-131, 132-133, 134-135, 136-137, 138-139, 140-141, 142-143, 144-145, 146-147, 148-149, 150-151, 152-153, 154-155, 156-157, 158-159, 160-161, 162-163, 164-165, 166-167, 168-169, 170-171, 172-173, 174-175, 176-177, 178-179, 180-181, 182-183, 184-185, 186-187, 188-189, 190-191, 192-193, 194-195, 196-197, 198-199, 200-201, 202-203, 204-205, 206-207, 208-209, 210-211, 212-213, 214-215, 216-217, 218-219, 220-221, 222-223, 224-225, 226-227, 228-229, 230-231, 232-233, 234-235, 236-237, 238-239, 240-241, 242-243, 244-245, 246-247, 248-249, 250-251, 252-253, 254-255, 256-257, 258-259, 260-261, 262-263, 264-265, 266-267, 268-269, 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2402-2403, 2404-2405, 2406-2407, 2408-2409, 2410-2411, 2412-2413, 2414-2415, 2416-2417, 2418-2419, 2420-2421, 2422-2423, 2424-2425, 2426-2427, 2428-2429, 2430-2431, 2432-2433, 2434-2435,

LAHODNY, A.

Karsulin, M.; Lahodny, A. "Determination of hydrar-gillite content in bauxites." p. 340.
(Priroda, Vol. 18, no. 6/7, 1953. Zagreb)

SO: Monthly List of East European Accessions, Vol. 3, no. 3, Library of Congress, March 1954.
Uncl.

LATRODNY, A

The Influence of Corrosion on the Mechanical and Electrical Properties of a Steel-Aluminum Cable (100 kV).
P. Burkhardt and A. Latrodny (Elektrotechnik, 1980, 24 (6-8), 199-201).
A 100 kV aluminum-steel cable of 0.24 cm² cross-sectional area corroded during storage in unfavorable surroundings in which it was kept for three years. Alumina and silica were found to be the most important corrosion products. Hardness, elongation, texture and strength were also investigated.

Latrodny
Elect.

Latrodny
RE
Boul

LAHODNY, A., inz. (Zagreb)

The Zagreb Light Metal Institute. Tesla no.13/14:20-22 S-0 '55.

LAHCLA, J.

LAHCLA, J. Special features of harvesting flax with a combine. p. 147.

Vol. 6, No. 13, July 1956.
MECHANISACE ZEMELSTVI.
AGRICULTURE
Praha, Czechoslovakia

So: East European Accession, Vol. 6, No. 3, March 1957

LAHOLA, J., inz. CSc.; HECL, J., inz.

Trend in the research on flax, leguminous plants, and oil plants
in the years 1966-1970. Vest ust zemedel 12 no.4:174-176 '65.

VASAK, Vladimir, C.Sc.Inz.: LAHOLA, Josef, Inz.

Mechanized flax pulling and binding. Vestnik CSAZV 8 no.4:201-203
'61. (EKAI 10:6)

1. Vyzkumna stanice pradnych rostlin Ceskoslovenske akademie
zemedelskych ved, Sumperk-Temenice.
(Czechoslovakia--Flax)

LAHOLA, Josef, inz.

From the activities of the Agricultural Research Station in
Sumperk-Temenice. Vest ust zemedel 10 no.9:360-364 '63.

1. Vyzkumna stanice zemedelska, Sumperk-Temenice.

POLAND / Chemical Technology. Chemical Products. H
Ceramics. Glass. Astringents. Concrete.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 68241.

Author : Lahovsky J.

Inst : ~~Not given.~~

Title : Addition of Ash in the Calcination of Clinkers.

Orig Pub: Cement. Wapno. Gips, 1957, 13, No 6, 128-129.

Abstract: In connection with Musyalik's article regarding the addition of ash to clinkers (Ref Zhur-Khimiya, 1957, 52009) numerous tests were conducted to determine quantity of ash additive required in the ovens equipped with chamotte lining. The obtained results were found inadequate for manufacturing control purposes.

Card 1/1

Country : Czechoslovakia H-13
 Category :
 Abs. Jour. : 39473
 Author : Lahovsky, J.
 Institut. : Not given
 Title : The Application of Si-Material as a Special Additive
 in the Manufacture of Portland Cement
 Orig Pub. : Stavivo, 36, No 9, 357-359 (1958)
 Abstract : The desirability of the utilization of Si-material
 ['Si-stoff'] as a hydraulic additive for portland
 cement is noted.
 Ya. Satunovskiy

Card: 1/1

COUNTRY : Czechoslovakia H-13
 CATEGORY :
 1959 No 37370

AUTHOR : Lahovsky, J.; Michalek, Z.
 INST. :
 TITLE : Rapid Complexometric Analysis of Raw Material
 in the Production of Cement.
 ORIG. PUB. : Stavivo, 1959, 37, No 2, 59-60
 ABSTRACT : Description of a method of direct complexo-
 metric determination of Al_2O_3 by titration with the use of
 PAN (1-(2-pyridyl-azo)-2-naphthol) indicator. The method is
 recommended for laboratories of cement factories.
 Ya. Satunovskiy.

CARD:

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCEDURES AND PROPERTIES INDEX																			
<p>Experiments at Dolni Rychanov on the increase of the durability of glass. F. LAIBL, H. FITZ, AND R. LOML. <i>Skladat Rozhledy</i>, 24 [8-10] 150-57 (1948).—Experiments were carried out in production, and 18 variables are listed to permit statistical interpretation. The report on intermediate progress in the course of the first operational month reveals a noticeable improvement in durability in the following glass (wt. %): 71.04 SiO₂, 0.77 Al₂O₃, 15.22 Na₂O + K₂O, 8.42 CaO, and 3.65 MgO; about 0.6% CaO had been gradually replaced by Al₂O₃. N.J.K.</p>																			
A 50.51.6 METALLURGICAL LITERATURE CLASSIFICATION																			
1ST DIVISION										2ND DIVISION									
SUBDIVISION										SUBDIVISION									
SUBDIVISION										SUBDIVISION									

C

INCREASE IN YIELD IN MECHANIZED WINDOW-GLASS PRODUCTION BY CaF₂ ADDITIONS. P. LAINE. *Sätilähti Rohtely,* 24 [8 10] 158 (1948).--An experiment in window glass tank production showed that, in a glass of the composition 71.1 SiO₂, 0.7 Al₂O₃, 0.2 Fe₂O₃, 7.6 CaO, 3.0 MgO, 16.3 Na₂O, and 0.8 SO₂, the addition of 1% CaF₂ causes a noticeable reduction in melting time, improves melting and working viscosity, and does not increase corrosion. The melting temperature can be decreased 10° to 15°C.
N.J.K.

LAIBL, F.

"Mechanization and automatization in glassmaking." p. 7

"Initiative of Comrade Kotovov." p. 7

"Way to strengthen discipline." p. 8

"Save wrapping material." p. 8

"Planning in machine shops; a book review." p. 8

(Technicke Noviny, Vol. 1, No. 16, Dec. 1954, Praha)

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 6, June.
1954, Uncl.

LAIBL, F.

Review of the art of glass workers in Zelezny Brod, p. 188, SKLAR A
KERAMIK (Ministerstvo lehkeho prumyslu) Praha, Vol. 5, No. 8, Aug.
1955

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 4, No. 12, December 1955

LATBL, P.

Use of technical-organizational measures. p. 73. SKLAR A KIRANIK.
(Ministerstvo lehkeho prumyslu) Praha. Vol. 5, no. 11, Nov. 1955.

SOURCE: East European Accessions List, Vol. 5, no. 11, September 1956

LAIBL, F.

Use of small-scale mechanization in the glass industry. p. 52.
SKLAR A KERAMI, Prague, Vol. 6, no. 3, Mar. 1956.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6 June 1956, 'ncl.

LAIBL, F.

Loss of glass in drawing and processing on Fourcault machines. p. 58,
Chemical analysis of aluminum oxide. p. 59.
SKLAR A KERAMIK, Prague, Vol. 6, no. 3, Mar. 1956.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6 June 1956, Uncl.

LAIBL, F.

Cooperation of research workers in the silicate industry. p. 180. SKLAR A KERAMIK, (Ministerstvo lehkého průmyslu) Praha. Vol. 6, no. 7, July 1956.

SOURCE: East European Accessions List, (EEAL),
Library of Congress. Vol. ~~15~~ no. 12,
December 195~~7~~6.

LAIBL, F.

"Scientific management of work."

p. 25 (Sklar A Keramik) Vol. 8, no. 1, Jan. 1958.
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

LAIBL, F., inz.

"Industrial glass piping" by [inz.] Jiri Horlava. Reviewed by F. Laibl. Sklar a keramik 13 no. 6: Supplement:

LAIBL, Frantisek, inz.

"Sprechsaal silicate 1963/64 yearbook." Reviewed by Frantisek
Laibl. Sklar a keramik 14 no.9:Suppl:insert S '64.

LAIBL, Josef; PROKS, Ctirad

Cerebro-pituitary insufficiency in a child after the roentgen-irradiation of hemangioma of the forehead. Cesk.pediat.16 no.2: 101-105 F '61.

1. Detské oddelení OUNZ ve Strakonici, prim. MUDr. J. Laibl.
Patologickoanatomické oddelení OUNZ v Písku, prim. MUDr. C.Proks.
(HEMANGIOMA radiother)
(SCALP neopl)
(RADIATION INJURY in inf & child)
(BRAIN radiation eff)
(PITUITARY GLAND radiation eff)

LATDA, J.

Hunderdth anniversary of Markusovsky's speculum. Vest.otorin.
22 no.3:88-91 My-Je '60. (MIRA 13:10)
(SPECULUM (MEDICINE))

LALDA, J.

- [illegible]

1ST AND 2ND COLUMNS										3RD AND 4TH COLUMNS									
LADLER, K. CA										15									
<p>The analysis of technical methods for the Third Nitrogenous Fertilizers Plant (in Poland). Kozłowski, Ladler. <i>Przemysł Chem.</i> 6, 181-85 (1948) - A discussion of processes to be applied for the daily output of 850 tons of $\text{Ca}(\text{NO}_3)_2$ and 700 tons of CaH_2PO_4 in a plant to be erected within 4 years. Comparison is made of production costs of nitrogenous fertilizers based on coke oven gas, coke, bituminous coal, and brown coal. Some improvements in NH_3 synthesis and in the manuf. of HNO_3 are mentioned. A reduction in high costs of $\text{Ca}(\text{NO}_3)_2$ manuf. can be achieved by the combined production of $\text{Ca}(\text{NO}_3)_2$ and CaH_2PO_4. Adam Spozrński</p>																			
<p>ASB.SLA METALLURGICAL LITERATURE CLASSIFICATION</p>																			

LAIDLER, K.

Kedzierzyn Nitrogen Plants.

p. 404
Vol. 11, no. 8, Aug. 1955
PRZEMYSŁ CHEMICZNY
Warszawa

SO: " Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 2
Feb. 1956

Laidler, K.

Problem of the technical progress of the chemical industry in the 5-year Plan.

P. 10 (Przegląd Chemiczny. Vol.12, no. 1, Jan.1956, Warszawa, Poland)

Monthly Index of East European Accessions (EFAI) LC. Vol. 7, no. 2,
February 1958

Laidler, K.

POLAND / Chemical Technology, Chemical Products and Their
Application. Part 3. - Treatment of Solid Com-
bustible Minerals.

H-21

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 12429.

Author : K. Laidler.

Inst : Not given.

Title : Ways for Rational Utilization of Fuel in Poland.

Orig Pub : Przem. chem., 1957, 13, No 6, 306 - 312.

Abstract : The technical-economical questions concerning the treat-
ment and utilization of solid, liquid and gaseous fuels under
conditions in Poland were discussed; based on the above, the
following proposal concerning the plan of development of
these branches of the national economy were made; develop-
ment of the production of natural gases and brown coal,

Card 1/2

Card 1/2

COUNTRY : POLAND H
CATEGORY : Chemical Technology. Chemical Products and
Their Uses. Part I. General Problems
REF. SOUR. : HZhim., No. 1 1960, No. 2414
AUTHOR : Laidler, K.
TITLE :
SUBJ. : On the Proper Alternation of Tasks in the Pro-
spective Plan for Development of the National
Economy
REF. PER. : Przem. chem., 1958, 37, No 12, 749-757
ABSTRACT : Data concerning the development of the national
economy of Poland and some other countries are
given.-- D. Yakesh

CARD: 1/1

H-1

LAILER, Konstanty

Observations made in 1958 in some branches of the chemical
industry of the United States. Pt. 1. Przem chem 39 no.2:
63-67 F '60.

Laidler, Konstanty

Observations made in 1958 in some branches of the chemical industry of the United States. Pt. 2. Przem chem 39 no.3:129-132 Mr '60.

LAIDLER, Konstanty

Observations made in 1958 in some branches of the chemical
industries in the United States. Pt. 3. Przem chem 39 no.4:
195-200 Ap '60.

P/014/61/040/003/001/005
A221/A126

AUTHOR: Laidler, Konstanty

TITLE: Acceleration of the development of chemical products based on fuel transformation is necessary and of pressing importance

PERIODICAL: Przemysł Chemiczny, no. 3, 1961, 129-133

TEXT: In this article the author outlines his ideas about the necessity and possibilities of further development of chemical industries based on solid- liquid- and gaseous fuels. For the time being, liquid and gaseous fuels seem to gain some preference over solid fuels because their transformation processes require less power and capital investments. As raw materials they contain enough carbon and hydrogen necessary for transformation into final products, while solid fuels have a hydrogen deficiency. Hydrogen-poor coal can be transformed into acetylene, a product only slightly richer in hydrogen, but a valuable semiproduct in chemical syntheses. The development of the fuel-transforming chemical industry is closely linked with the development of metallurgical- and coke

Card 1/4

Acceleration of the ...

P/014/61/040/003/001/005
A221/A126

chemical industries on one hand and on the other with the development of motorization and capacity of oil refineries. The development of the coke-chemical industry is already well defined for the next decade and the following semiproducts will be available:

	1960	1965	1970
crude benzene	150,000 t	210,000 t	257,000 t
crude coal tar	471,000 t	645,000 t	800,000 t
coke oven gas			
(in million m ³)	4,940	7,260	9,850
consumption of gas for syntheses		500	550
(in million m ³)			


Development of oil refinery capacities is linked with motorization which, according to author's opinion, is not adequate in comparison with Polish needs and should be adjusted accordingly. The chemical industry will need for its own purposes by 1965 - 900 billion m³, by 1970 - 2,400 billion m³ and by 1975 - 2.800 billion m³. In order to catch up with well developed European countries, the average annual progress of Polish chemical industry in 1961-1965 should increase to about 25% instead of to

Card 2/ 4

P/014/61/040/003/001/005
A221/A126

Acceleration of the ...

20% as officially planned. Considering the fact that there is a great demand for chemical products, and that the supply of raw materials will improve, the author suggests that the following industries should be developed ahead of plan: 1) Plastics and synthetic resins should reach 500,000 tons by 1970 instead of the planned 350,000 tons and by 1975 - 950,000 tons instead of 550,000 tons. The average annual increase between 1965-1970 should be 30% and between 1970-1975 - 18%. 2) Rubber tire production should reach 135 tons instead of 120 tons and by 1970 - 200 tons instead of the planned 180 tons. (Abstracter's Note: It seems that in the last paragraph the figures should be in the thousand tons and not in hundreds. It is an obvious mistake). 3) Synthetic detergents should reach by 1970 - 40,000 tons instead of 30,000 tons as planned. During the current 5-Year Plan about 30 large chemical plants will be built, mostly based on foreign licenses purchased for over 200 million dollars. They will include aliphatic semiproducts, semiproducts for plastics, plastic polymers and high-temperature processes. Production from plants based on processes developed by Polish research laboratories in 1956-1960 will include hydrocyanic acid from methane, chlorine compounds of methane, methylamine, ethanol, anthraquinone, maleic acid
Card 3/4



Acceleration of the ...

P/014/61/040/003/001/005
A221/A126

anhydride, plasticizers and epoxy resins. This production will help to exceed the planned 20% increase of the output of the chemical industry. Requirements for new technological processes which will have to be developed and mastered by Polish chemists by 1961-1965 are even greater. In the final part of his article, the author analyzes the reality of his suggested average annual increase of chemical industrial production value by 24% instead of the planned 20% by 1965. It can be done by intensified production, increased efficiency, reduction of raw material consumption, etc. In order to boost research, cash rewards will be granted to the personnel. The author suggests some changes in organization of research: a) increase the scope of research in heavy organic synthesis, b) increase the number of technical personnel to carry out improvements in plants already working, c) correct the distribution of tasks between and within Industrial Unions, d) speed up supply of research laboratories with materials and installations from the central reserves of the Ministry of Chemical Industry. There are 4 tables and 1 Soviet-bloc reference. ✓

Card 4/4

Laidler, Konstanty, mgr inz.

Factors affecting the development of the Polish chemical
industry until 1980. Chemik 17 no. 2: 44-47 F '64.

LAIDLER, Konstanty

Role of the Institute of General Chemistry in the chemical industry. Przem chem 42 no.12:659-660 D'63.

1. Ministerstwo Przemyslu Chemicznego, Warszawa.

LAIDIER, Konstanty, mgr inż.

Factors influencing the development of the Polish chemical
industry until 1980. Chemik 17 no.1:4-8 Ja'64.

Laidler, Konstanty, mgr inz.

Factors influencing the development of the chemical industry in
Poland until 1980. Chemik 17 no.3:86-89 Mr '64

COUNTRY : CZECHOSLOVAKIA
 CATEGORY : Chemical Technology. Chemical Products and
 Their Applications. Cellulose and Its Deriva-
 AND. SOUR. : REKON., No. 19, 1959, No. 69986
 AUTHOR : Kubinek, V.; Laifrova, J.
 TITLE : Improvement of Paper quality Through the Use
 of Colloid Preparations.
 ORIG. PUB. : Papir a celuloza, 1958, 13, No 11, 251, 254-
 -256.
 ABSTRACT : Presented are results and conditions of la-
 boratory experiments on the application of
 preparations made of mannogalactite:
 "Daicol DG", "Indalca U", "Indalca A", "Mey-
 eroid 660, 680, 4200 and 4300" in the manu-
 facture of paper (P). P was made in four di-
 fferent grades of cellulose. The best results
 were obtained with "Meyoroid 4200". The opti-
 mum content of colloid preparations in paper
 comprised 0.5% by weigh of finished paper.
 *tives. Paper.
 CARD: 1/2

H - 163

COUNTRY :
CATEGORY :

H

ABB. JOUR. : AZKhim., no. 19, 1950, No. 69086

TITLE :

ORIG. PUB. :

ABSTRACT : All celluloses made of fir pulp, processed
superior mechanical properties. Properties of
beech cellulose with "Maynoid" were unchanged
except for the grinding time which was reduced
by 15-20%. It was established that in the
presence of the above stated preparations the
retention of fillers was improved by 80-95%.
The dependency of results on the manufacturing
process conditions was noted. -- D. Yakesh.

CARD: 2/2

LAIFROVA, J.; KUBINEK, V.

New raw materials for the paper industry. p. 201

PAPIR A CELULOSA. (Ministerstvo lesu a dřevárskeho průmyslu) Praha,
Czechoslovakia, Vol. 14, no. 9, Sept. 1966

Monthly List of East European Accessions (EMAI) IC, vol. 9, no. 1,
Jan. 1960

Uncl.

LAIKO, B.V., inzhener.

Supplying power to electric tools from the lighting network.
Put' i put.khoz. no.6:27-28 Je '57. (MIRA 10:7)
(Railroads--Maintenance and repair)

LAINBURG, D Ye

LAINBURG, D.Ye.(Kiyev)

Broader indications for a cervical vagosympathetic block. Klin.med.
35 [i.e.34] no.1 Supplement:50 Ja '57. (MIRA 11:2)

1. Iz kliniki obshchey khirurgii (zav. - prof. I.N.Ishchenko)
Kiyevskogo ordena Turdovogo Krasnogo Znameni meditsinskogo instituta
imeni akad. A.A.Bogomol'tsa (dir. - dotsent I.P.Alekseyenko)
(CHEST--WOUNDS AND INJURIES) (LOCAL ANESTHESIA)

LAINCSAK, Istvan, erdomernok-tanar

Economical selection of electric machines for woodworking plants. Erdo 12 no.12: 550-556 D'63.

1. Erdeszeti Technikum, Sopron.

LAINCSAK, Istvan, mernok-tanar (Sopron)

Improving the performance factor of wood industry electric
machines (engines) by natural way. Pt. 3. Faipar 14 no. 6:
183-185 Je '64.

1. Technical School of Forestry.

LA1NCSAK, Istvan, tanar

Economical operation of the electric machines (engines) of
woodworking plants. Erdo 13 no.5:214-220 My '64.

1. Technical School of Forestry, Sopron.

LAINOVIC, C., dr.; RADOSEVIC, Z. doc. dr.

Trichinosis; case reports. Med. pregl. 7 no.2:99-107 1954.

1. Klinika za unutranje bolesti Medicinskog fakulteta u Zagrebu;
predstojnik prof. dr. A. Han.
(TRICHINOSIS, epidemiol.
*Yugosl.)

LAINOVIC, C.

HAHN, A., dr.; LAINOVIC, C., dr.; CERLEK, S., dr.

Atypical pictures of amebiasis. Lijec. vjes. 76 no.3-4:128-137
Mar-Apr 54.

1. Iz Interne klinike Medicinskog fakulteta Sveucilista u Zagrebu.
(AMEBIASIS, pathol.)

LAINOVIC, Cedomir, Dr.

Lipemia in clinical pathology. Lijeć vjes. 79 no.3-4:110-113 Mar-Apr
57.

1. Iz Internog odjela Opće bolnice Blazov Ormaldic u Banu.
(LIPIDS, in blood
excess in pathol. cond., review (Ser))

LAINOVIC, Cedomir, dr.

Amebiasis in the shore region of Montenegro. Med. glas. 13 no.11:
537-540 N '59.

1. Interno odjeljenje Opste bolnice "Blazo Orlandic" u Baru, upravnik:
dr. C. Lainovic.
(AMEBIASIS epidemiol.)

LAINOVIC, Cedomir

Pressure-induced osteoarthropathies in decompression syndrome.
Srpski arh. celok. lek. 87 no.2:156-166 Feb 59.

1. Interno odeljenje Opste bolnice Blazo Orlandic u Baru. Sef: dr
Cedomir Lainovic.

(DECOMPRESSION SICKNESS, compl.
joint dis. (Ser))

(JOINTS, dis.
in decompression sickness (Ser))

LAINOVIC, Cedomir, dr.

Clinical investigations on hypotensive properties of olive leave extracts. Srpski arh. celok. lek. 89 no.2:179-190 F '61.

1. Interno odeljenje Opste bolnice "Blazo Orlandic" u Baru. Sef: dr Cedomir Lainovic.

(PLANTS extracts) (ANTIHYPERTENSIVE AGENTS pharmacol)

YUGOSLAVIA

LAINOVIC, Cedomir; MARJANOV, Dusan; JOVANOVIC, Aleksandar; and STOJANOVIC, Irina; Second Department of Internal Medicine (II interno odeljenje); Chief (Nacelnik) Dr Cedomir LAINOVIC; and Department of Obstetrics and Gynecology (Ginekolosko-akusersko odeljenje), Chief Primarius Dr Dusan KUSOVAC, City Hospital (Gradska bolnica), Zemun - Belgrade.

"The Stein-Leventhal Syndrome."

Belgrade, Srpski Arhiv za Tselokupno Lekarstvo, Vol 91, No 4, Apr 63; pp 427-432.

Abstract [German summary modified]: Case report: woman aged 22 with hirsutism, obesity, amenorrhea, mammary hypoplasty. Wedge resection of about 50% of ovarian tissue bilaterally was followed by normal menses, normal mammary tissue, slow loss of excess weight but no change in body hair. Prednisone had to be discontinued because of peptic ulcer. Two photographs, 2 Yugoslav and 14 Western references.

1/1

LAINOVIC, Cedomir; MARJANOV, Dusan; JOBANOVIC, Aleksandar;
STOJANOVIC, Irina

Stein-Leventhal syndrome. Srpski arh. celok. lek. 91 no.4:
427-432 Ap '63.

I. II interno odeljenje Gradske bolnice u Zemumu (Beograd)
Nacelnik: dr Cedomir Lainovic Ginekolosko-akusersko odeljenje
Gradske bolnice u Zemumu (Beograd) Nacelnik: prim. dr Dusan
Kusovac.

(STEIN-LEVENTHAL SYNDROME)

5

LAINOVIC, Gedomir; JANCIC, Marija; DAMNJANOVIC, Milica; MIHAJLOVIC, Milan;
BORDEVIC, Branko

Mesothelioma peritonei. Srpski arch. celok. lek. 91 no.11:
1083-1088 N'63

1. II interno odeljenje Gradske bolnice u Zemmu - Novi Beograd
(nacelnik: dr. Gedomir Lainovic) ; Patolosko-anatomski insti-
tut Medicinskog fakulteta Univerziteta u Beogradu (upravnik:
prof.dr. Zivojin Ignjacev.

*

LAIPERT, Miloslav, inz.

For further development of telecommunications. Cs spoje 7 no.1:
1-3 Ja '62.

1. Namestek ministra dopravy a spoju.

LAIPERT, Miloslav, inz.

Long-term goal of the development of telecommunications. Cs spoje 7
no.11:1-3 N '62.

1. Namestek ministra dopravy a spoju.

LAIPERT, Miloslav, inz.

Let us in the communication services work with all our force on the performance of the Decision of the 12th Congress of the Communist Party of Czechoslovakia. Cs spoje 8 no.1:1-3 F '63.

1. vedouci Ustredni spravy spoju.

LAIPERT, Miloslav, inz.

For further improvement of the operation of communications.
Gaspoje 8 no.3:1-4 Je '63.

1. Reditel Ustredni spravy spoju.

LAIPERT, Miloslav

Action plan, a mobilization tool. Cs spoje 8 no.4:1-4 Ag '63.

1. Reditel Ustredni spravy spoju.

LAIPERT, Miloslav, inz.

Quality is the main goal of telecommunications. Cs spoje 10 no.1:
1-2 F '65.

1. Director of the Central Administration of Telecommunications,
Prague.

LAISHEV, A. Kh. (Candidate of Veterinary Sciences, Scientific Research Institute of Agriculture in the Extreme North [Krainii Sever]).

"Diseases and their treatment in the area of the hoofs of reindeer..."
Veterinariya, vol. 39, no. 2, February 1962 pp. 56

BUCHNEV, K.N., prof.; SHAKHMATOV, M.M., kand. veterinarnykh nauk;
TITOV, V.L., nauchnyy sotrudnik; MEN'SHIKOV, L.F., nauchnyy
sotrudnik; KRIVENKO, O.P., vrach-laborant; VOVK, V.I., vrach-
laborant; LAISHEVA, M.M., vrach-laborant; POLUBOYAROVA,
G.V., vrach-laborant

Diagnosis of rabies by precipitation reaction in agar gel.
Veterinariia 40 no.3:66-70 Mr '63. (MIRA 17:1)

1. Alma-Atinskiy zooveterinarnyy institut (for Buchnev).
2. Laboratoriya virusologii nauchno-issledovatel'skogo
veterinarnogo instituta Kazakhskoy akademii sel'skokhozyayst-
vennykh nauk (for all except Buchnev).

L 44398-66 EWT(m)/ENP(t)/ETI IJP(c) JD/WB

ACC NR: AP6024526

SOURCE CODE: UR/0148/66/000/007/0114/0118

AUTHOR: Shreyber, G. K.; Zhetbin, N. P.; Saakiyan, L. S.; Laisova, I. Ya.

ORG: Institute of the Petrochemical and Gas Industry (Institut neftekhimicheskoy i gazovoy promyshlennosti)

TITLE: The influence of deformation on intercrystalline corrosion of type 18-8 stainless steel

SOURCE: IVUZ. Chernaya metallurgiya, no. 7, 1966, 114-118

TOPIC TAGS: annealing, metal deformation, stainless steel, corrosion resistance, metal grain structure, magnetic saturation / 2Kh18N9 steel

ABSTRACT: The effect of preliminary deformation and tempering on intercrystalline corrosion of 18-8 stainless steel was studied. 2Kh18N9 steel was deformed, after annealing: 37, 15, 10 and 0% at +20 and -70°C. All wire samples were subsequently annealed at 550 and 650°C for 2, 4 and 8 hrs. The amount of α -phase present was determined on a magnetometer. By lowering the deformation temperature to -70°C, greater amounts of α -phase formed. The magnetic saturation increased rapidly after 10% deformation, the more so for unannealed specimens. Samples were boiled for 24 hrs in a standard solution (160 g CuSO₄·5H₂O, 100 ml H₂SO₄ of density 1.84 g/cm³ in 1000 ml of water in the presence of copper chips). After boiling, samples were measured for

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electrical resistivity ($\Delta\rho/\rho_0 \cdot 100\%$), bent at right angles on a press with a radius of curvature of 5 mm and examined with an eyeglass after one bend and ten bends. Data are given for a variety of testing conditions: the above deformation temperatures, % deformation and tempering cycles. For any particular set of test conditions, qualitative descriptions of the bend surface are included, e. g., no cracking, deep cracks, average number of cracks, etc. Plastic deformation increased the rate of intercrystalline corrosion while decreasing the rate of general corrosion in most of the samples. The relative decrease in diameter of the "active" section is given as a function of deformation for different deformation and tempering temperatures. The relative change in resistivity is given as a function of tempering time. Optimal conditions for preventing intercrystalline cracking in 18-8 stainless steel are presented in a three-dimensional plot of the experimental conditions. Deformation at -70°C transformed more of the γ -phase into the ferromagnetic α -phase and its influence on corrosion was more pronounced than for $+20^\circ\text{C}$. Orig. art. has: 4 figures, 1 table.

SUB CODE: 11,20/ SUBM DATE: 28Mar66/ ORIG REF: 005/ OTH REF: 004

Card 2/2 *egk*

S/190/62/004/011/013/014

B101/B144

AUTHORS: Laita, Z., Jelinek, M.

TITLE: Kinetics of the anionic polymerization of cyclic polydimethylsiloxane

PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 4, no. 11, 1962, 1739-1745

TEXT: The rate at which cyclic polydimethyl siloxanes with 3-9 Si atoms polymerize to linear polymers under the action of KOH, NaOH, or LiOH was measured dilatometrically. The experimental data are represented graphically:

$$\frac{[M]_0^{1/2} - [M]_t^{1/2}}{[M]_t^{1/2}} + \frac{1}{2} \ln \frac{([M]_0^{1/2} - [M]_t^{1/2})([M]_0^{1/2} + [M]_t^{1/2})}{([M]_0^{1/2} + [M]_t^{1/2})([M]_0^{1/2} - [M]_t^{1/2})} = \frac{k_1 K_1^{1/2}}{2} \cdot \frac{[c]^{1/2}}{[M]_t^{1/2}} \cdot t. \quad (1)$$

according to K. Veselý, M. Kucera (Symposium on Macromolecules, Wiesbaden, German Federal Republic, Kurzmitteilungen IV, B 3, 1959). $[M_0]$ is the initial concentration of polydimethyl cyclosiloxane, $[M]$ is the concentration of polydimethyl cyclosiloxane; $[M_R]$ is the concentration of polydimethyl cyclosiloxane in equilibrium, $[C]$ is the concentration of the catalyst. Card 1/3

Kinetics of the anionic ...

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lyst, K_1 is the equilibrium constant, k_1 is the rate constant, t is the time. The constant K' of the total rate of polymerization was calculated from $K' = k_1 K_1^{1/2} / 2 = \tan \alpha \cdot [M]_r^{1/2} / [c]^{1/2}$, where $\tan \alpha$ is the slope of the straight line (1). The activation energy E and the coefficient A were calculated from $K' = A \exp(-E/RT)$. Results: (a) for all polydimethyl siloxanes studied, except the trimer hexamethyl cyclotrisiloxane, $E = 19.5 \pm 0.5$ kcal/mole. For this trimer $E = 17.5$ kcal/mole, since its molecules are subject to internal stress according to W. A. Piccoli et al. (J. Amer. Chem. Soc., 82, 1883, 1960). (b) The coefficient A depends on the number of Si atoms in the siloxane molecule, being smallest for the tetramer and the pentamer and increasing strongly for the hexamer and the heptamer. This is explained by the effect of the ring structure on the thermodynamic probability for the formation of a transition complex with a pentavalent silicon atom. (c) When the hexamer is polymerized, the slowly reacting tetramer forms in consequence of the depolymerization proceeding simultaneously. This is manifested in the fact that after the polymerization rate has reached a maximum it decreases as the tetramer concentration increases. There are 4 figures and 2 tables.

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Kinetics of the anionic ...

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B101/B144

ASSOCIATION: Nauchno-issledovatel'skiy institut makromolekulyarnoy khimii, Brno
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Brno)

SUBMITTED: March 12, 1962

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Z/009/60/010/05/011/040
E112/E153

AUTHORS: Z. Macháček and Z. Laita

TITLE: Laboratory Purification of Ethylene

PERIODICAL: Chemický Průmysl, 1960, Vol 10, Nr 5, pp 251-252

ABSTRACT: A laboratory method for the purification of technical ethylene is described. The purified compound was analysed by chromatographic method. Its impurities were less than 0.01% and did not show an inhibition period in free radicle polymerisations. A diagram of the assembly of equipment is given. The method of purification is as follows. Technical ethylene is passed through an aqueous solution of potassium hydroxide, followed by passage through a purifying column containing a solution of cuprous chloride, ammonium chloride and copper shavings. It is then led through a column of concentrated sulphuric acid, anchored on silica gel. The final passage is through columns of silica gel with carbon dioxide as carrier and flow determining factor. The final purification was carried out by gas chromatography using again carbon dioxide as carrier. It is claimed that completely reproducible results were obtained. The course of the

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1/2

Z/009/60/010/05/011/040
E112/E153

Laboratory Purification of Ethylene

chromatographic separation is illustrated by a graph.
There are 2 figures and 5 Czech references.

ASSOCIATION: Výzkumný ústav makromolekulární chemie, Brno
(Research Institute of Macromolecular Chemistry,
Brno)

Card 2/2

SUBMITTED: April 1, 1959

LAITHWAITE, E.R.

Linear motors. Technika 7 no.1:2 Ja '63.

SKORPIL, Vaclav, inz.; LAITL, Jan, promovany ekonom

Preparation of the 1965 plan of management and control organization.
Drevo 19. no. 11: 423-424, 426 N '64.

1. Stredoceske drevarske zavody National Enterprise, Prague (for Skorpil). 2. Multar, Prague (for Laitl).

LAITL, J.; Technicka spoluprace: KRABEC, Z.

Resistance of the body to anoxia during the course of ontogenesis
and the effect of chlorpromazine. Cesk. gynek. 28 no.10:659-662
D⁶³.

1. Ustav pro peci o matku a dite v Praze, reditel doc. dr.
M. Vojta.

*

LAITL, Josef

The influence of pituitrin on the fetal heart sounds. Cesk. gyn.
23[37] no.5:364-370 July 58.

1. Ustav pro peci o matku a dite, Praha-Podoli, prednosta prof. dr.
J. Trapl.

(PITUITARY GLAND, POSTERIOR, hormones
pituitrin, eff. of admin. to pregn. women on fetal heart
sounds (Cz))

(PREGNANCY, effect of drugs on
eff. of pituitrin admin. on fetal heart sounds (Cz))

(FETUS, effect of drugs on
eff. of pituitrin admin. during pregn. on fetal heart sounds
(Cz))

(CARDIAC MURMURS AND SOUNDS,
eff. of pituitrin admin. during pregn. on fetal heart sounds
(Cz))

LAITL, Josef

Effect of largactil on the survival of young rats in acute hypoxia
in relation to the age of the rat and to the environmental temperature.
Cesk. gyn. 24[38] no.8:654-659 0 '59

1. Ustav pro peci o matku a dite. Praha-Podoli, reditel doc. dr. M.
Vojta, zasl. lekar CSR.
(CHLOPPROMAZINE pharmacol.)
(ANOXIA exper.)
(TEMPERATURE eff.)

VOJTA, M.; LAITL, J.; ZAITLIK, V.

Local application of stilbenes before operating on descending
genitalia in older women. Cas. lek. cesk. 99 no.27:851-855
1 J1 '60.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel. doc.
dr. M. Vojta.
(UTERINE PROLAPSE surg.)
(STILBENES ther.)

KAZDA, Stanislav; LAITL, Josef; ZAITLIK, Vojtech

On anesthesia for artificial interruption of pregnancy. Cesk.gyn.
25[39] no.9:672-677 N '60.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel doc. dr.
M. Vojta, zasl. lekar CSSR.
(ABORTION THERAPEUTIC anesথে & analg)

LAITL, S.

Contribution to a discussion on pipe production. p. 278.

HUTNIK. Vol. 6, no. 9, Sept. 1956

Praha, Czechoslovakia

SOURCE: East European List (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957